



Product Evaluation

WIN2266 | 0218

Engineering Services Program

The following product has been evaluated for compliance with the wind loads specified in the International Residential Code (IRC) and the International Building Code (IBC).

This product evaluation is not an endorsement of this product or a recommendation that this product be used. The Texas Department of Insurance has not authorized the use of any information contained in the product evaluation for advertising, or other commercial or promotional purpose.

This product evaluation is intended for use by those individuals who are following the design wind load criteria in Chapter 3 of the IRC and Section 1609 of the IBC. The design loads determined for the building or structure shall not exceed the design load rating specified for the products shown in the limitations section of this product evaluation. This product evaluation does not relieve a Texas licensed engineer of his responsibilities as outlined in the Texas Insurance Code, the Texas Administrative Code, and the Texas Engineering Practice Act.

For more information, contact TDI Engineering Services Program at (800) 248-6032.

Evaluation ID: WIN-2266

Effective Date: February 2018

Re-evaluation Date: October 2021

Product Name: Series 1620 Vinyl Single Hung Window, Fin and Frame Installation, Non-impact Resistant

Manufacturer: MI Windows and Doors, LLC
650 West Market Street
Gratz, PA 17030-0370
(717) 365-3300

General Description:

System	Description	Label Rating	Design Pressure Rating
1	Series 1620 PVC Single Hung Window	LC-PG50 940 x 1829 (37 x 72) - H	+50/-67 psf
2	Series 1620 PVC Single Hung Window	LC-PG35 1219 x 2438 (48 x 96) - H	+35/-45 psf
3	Series 1620 PVC Single Hug Window	LC-PG50 1324 x 1905 (52 x 75) -H	±50 psf
4	Series 1620 PVC Single Hung Window	LC-PG50 1207 x 2121 (48 x 84) - H	±50 psf

Product Dimensions:

System	Overall Size	Operable Sash Size	Fixed Sash Daylight Opening Size
1	37" x 72"	34-1/8" x 35-1/2"	32-3/8" x 32-1/4"
2	48" x 96"	45-3/8" x 35-9/16"	43-3/8" x 56-1/2"
3	52-1/8" x 75"	49-1/2" x 37-1/4"	47-1/2" x 33-3/4"
4	47-1/2" x 83-1/2"	44-3/4" x 41-9/16"	42-3/4" x 38"

Product Identification (Certification Label on Window):

System		
1, 2	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series SH 1620 (Fin, Flange, & Finless)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-11
3	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	Series 1620 SH (Fin)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08
4	Certification Agency	AAMA
	Manufacturer's Name or Code Name	MTL-12
	Product Name	1620 SH (Finless & Flange)
	Test Standards	AAMA/WDMA/CSA 101/I.S.2/A440-08

Impact Resistance:

System	Impact Resistant	Requirement
1-4	No	Provide an impact protective system when installing the product in areas that require windborne debris protection.

Installation (One of the Following):

System		
1-4	Type of Installation	Fin Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 6 x 1-5/8" long flat head screws
	Fastener Location/Spacing	Located 3" from each corner and spaced 8" on center through the mounting fin
	Fastener Penetration	Minimum 1-1/2" into wood framing
1-4	Type of Installation	Frame Installation
	Wall Framing	Spruce-Pine-Fir
	Fasteners	No. 8 x 2" long pan head screws
	Fastener Location/Spacing	Head and Side Jambs/ Located 4" from the corners of the head and sill and spaced 12" on center
	Fastener Penetration	Minimum 1-1/2" into wood framing

Note: Keep the manufacturer's installation instructions available on the job site during installation. Use corrosion resistant fasteners as specified in the IRC, the IBC, and the Texas Revisions.